

Tyrone Camarero Specifications

Tyrone

Camarero DS4003W-112RT

Key features

High Density Storage, Object Storage 1U, Scale-out Storage, Ceph / Hadoop, Big Data Analytics

- 2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors. Dual Socket P (LGA 3647) supported, CPU TDP support 205W, 2 UPI up to 10.4 GT/s
- Intel® C622 chipset
- Up to 3TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 3TB 3DS ECC LRDIMM, DDR4-2933MHz, in 12 DIMM slots; Up to 2TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only).
- 2 PCI-E 3.0 x16 slots, 1 PCI-E 3.0 x16 LP slot, 1 PCI-E 3.0 x4 NVMe M.2 slot
- 12 Hot-swap 3.5" SAS3/SATA3, 4 Hot-swap 2.5" 7mm NVMe/SATA drive bays
- 2x 10GBase-T ports via Intel C622
- IPMI 2.0 + KVM with Dedicated LAN
- 1 VGA, 4 USB 3.0 (rear)
- Internal Cable Arm
- 600W Redundant Power Supplies, Platinum Level Certified



Processor/Cache

Processor	2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors. Dual Socket P (LGA 3647) supported, CPU TDP support 205W, 2 UPI up to 10.4 GT/s
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Chipset

Chipset	Intel® C622 chipset
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System Memory

Memory Capacity	Up to 3TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 3TB 3DS ECC LRDIMM, DDR4-2933MHz, in 12 DIMM slots; Up to 2TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only).
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Expansion Slots

PCI-Express	2 PCI-E 3.0 x16 slots, 1 PCI-E 3.0 x16 LP slot, 1 PCI-E 3.0 x4 NVMe M.2 slot
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Integrated On-Board

SAS	Broadcom 3224 SAS3 IT mode controller
SATA	SATA3 (6Gbps); RAID 0, 1, 5, 10
LAN	2 RJ45 10GBase-T LAN ports, 1 RJ45 Dedicated IPMI LAN port

Add-on Options

Optical Drive	None
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Front Panel

Led's	Power status LED, HDD activity LED, Network activity LEDs
Buttons	Power On/Off button, System Reset button

Drive Bays

HDD bays	12 Hot-swap 3.5" SAS3/SATA3 drive bays, 4 Hot-swap 2.5" 7mm NVMe/SATA drive bays
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Power Supply

600W Redundant Power Supplies, Platinum Level Certified

Cooling System

6x 40x40x56mm 20.5K-17.6K RPM Counter-rotating fans

Form Factor

Form Factor	1U Rackmount
Height	: 1.7" (43mm)
Width	: 17.6" (447mm)
Depth	: 37.40" (950mm)

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For more/current product information, visit
www.tyronesystems.com